

### Abstract

A light fixture management system which tracks the location, history and operating characteristics of light fixtures in a structure or a group of structures and surrounding premises. Each light fixture is assigned indicia, for example a bar code, which is stored in a database in association with details of the light fixture. An observer charged with identifying light fixtures in need of repair carries a portable scanner. The observer scans the bar code associated with any light fixture in need of repair and optionally enters into the bar code scanner any observable problem. The scanned information is downloaded into a computer, which may be programmed to establish a repair route for fixtures identified as being in need of repair, based on the locations of the light fixtures and types of problems identified by the observer. Reports can be generated as required with any other desired information. The invention considerably simplifies the task of tracking light fixtures and substantially increases the efficiency and effectiveness of repair personnel. The master database may also contain the location of the circuit breaker which controls power to each fixture, to enable repair personnel to quickly locate and deactivate the circuit if necessary for a particular type of repair.